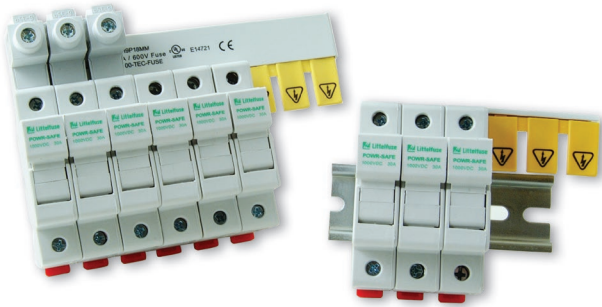


# POWR-GARD® Blocks and Holders

## BUS BAR SYSTEM

### POWR-BAR Distribution



### Description

A key objective for panel designers is safe distribution of power to multiple fuse holders in a compact design. The Littelfuse UL 508 Listed bus bar system eliminates most wire terminations in a timesaving package. A power distribution block and associated conductors are no longer needed to feed multiple POWR-SAFE fuse holders.

### Features/Benefits

- Touch-safe design offers protection when replacing fuses
- Compact design
- 35 mm DIN-rail mountable
- Available in one and three phase configurations
- Can be cut down to optimal size

### Recommended Fuse Holders

LFPS Series  
LPSC / LPSM Series (600 V)  
LPHV Series (1000 V)

### Web Resources

Download technical information: [littelfuse.com/busbar](http://littelfuse.com/busbar)

### Specifications

**Voltage Ratings** 600 V ac/dc  
1000 V dc\*

#### Current Ratings

| CROSS SECTION (mm <sup>2</sup> ) | 18 mm <sup>2</sup> | 25 mm <sup>2</sup> |
|----------------------------------|--------------------|--------------------|
| END FED                          | 80 A               | 100 A              |
| CENTER FED                       | 160 A              | 200 A              |

**SCCR** 10 kA, 100 kA<sup>1</sup>  
**Conductor** Copper  
**Pitch** 17.8 mm  
**Approvals** UL 508 Listed (File E328654)  
**Environmental** RoHS Compliant, Lead (Pb) free

\*1 Phase 18 mm<sup>2</sup> rated 1000 VDC up to 160 A when center fed  
1 Phase 25 mm<sup>2</sup> rated 1000 VDC up to 200 A when center fed  
<sup>1</sup>When protected directly upstream by Class J 175 amperes max (18 mm<sup>2</sup> bus bar) and Class J 200 amperes max (25 mm<sup>2</sup> bus bar).

**Disclaimer Notice** – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at [www.littelfuse.com/product-disclaimer](http://www.littelfuse.com/product-disclaimer).

### Ordering Information

| 1 PHASE, 18 mm <sup>2</sup> |       |             | 1 PHASE, 25 mm <sup>2</sup> |       |             |
|-----------------------------|-------|-------------|-----------------------------|-------|-------------|
| ORDERING NUMBER             | POLES | LENGTH (mm) | ORDERING NUMBER             | POLES | LENGTH (mm) |
| 1PH3P18mm                   | 3     | 60          | 1PH3P25mm                   | 3     | 60          |
| 1PH4P18mm                   | 4     | 79          | 1PH4P25mm                   | 4     | 79          |
| 1PH6P18mm                   | 6     | 106         | 1PH6P25mm                   | 6     | 106         |
| 1PH9P18mm                   | 9     | 159         | 1PH9P25mm                   | 9     | 159         |
| 1PH12P18mm                  | 12    | 212         | 1PH12P25mm                  | 12    | 212         |
| 1PH15P18mm                  | 15    | 272         | 1PH15P25mm                  | 15    | 272         |
| 1PH57P18mm                  | 57    | 1009        | 1PH57P25mm                  | 57    | 1009        |

| 3 PHASE, 18 mm <sup>2</sup> |       |             | 3 PHASE, 25 mm <sup>2</sup> |       |             |
|-----------------------------|-------|-------------|-----------------------------|-------|-------------|
| ORDERING NUMBER             | POLES | LENGTH (mm) | ORDERING NUMBER             | POLES | LENGTH (mm) |
| 3PH6P18mm                   | 6     | 104         | 3PH6P25mm                   | 6     | 104         |
| 3PH9P18mm                   | 9     | 158         | 3PH9P25mm                   | 9     | 158         |
| 3PH12P18mm                  | 12    | 214         | 3PH12P25mm                  | 12    | 214         |
| 3PH15P18mm                  | 15    | 266         | 3PH15P25mm                  | 15    | 266         |
| 3PH21P18mm                  | 21    | 374         | 3PH57P25mm                  | 57    | 1009        |
| 3PH27P18mm                  | 27    | 481         |                             |       |             |
| 3PH33P18mm                  | 33    | 586         |                             |       |             |
| 3PH39P18mm                  | 39    | 693         |                             |       |             |
| 3PH57P18mm                  | 57    | 1009        |                             |       |             |

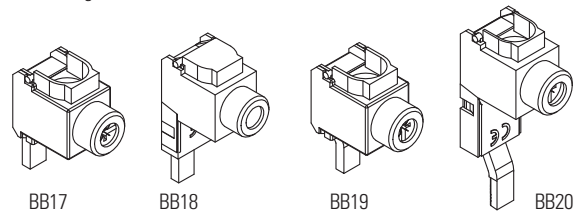
Endcaps are standard with all 3 phase configurations except 57-pole.  
Endcaps are not needed for the 1 phase configurations from the factory or if the copper bus is trimmed per the supplied instructions.  
Power feed lugs and protective covers are extra.

### Accessories

#### Power Feed Lug

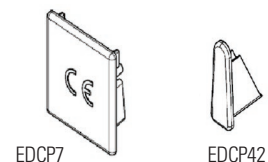
| PART NUMBER | WIRE RANGE    | WIRE TYPE | TORQUE   | PHASE  | FUSE HOLDER    |
|-------------|---------------|-----------|----------|--------|----------------|
| BB17        | #10 - 1/0 AWG | CU        | 50 lb-in | Single | LPSM/LPSC/LPHV |
| BB18        | #10 - 1/0 AWG | CU        | 50 lb-in | Three  | LPSM/LPSC      |
| BB19        | #10 - 1/0 AWG | CU        | 50 lb-in | Single | LFPSM/LFPS     |
| BB20        | #10 - 1/0 AWG | CU        | 50 lb-in | Three  | LFPSM/LFPS     |

Power Feed Lugs are 115A 1000V AC/DC rated



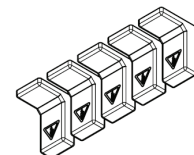
#### Endcaps

| PART NUMBER | PHASE  | QUANTITY |
|-------------|--------|----------|
| EDCP42      | Single | 50       |
| EDCP7       | Three  | 50       |



#### Pole Protective Covers

| PART NUMBER | QUANTITY |
|-------------|----------|
| CTPT5       | 5        |



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